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**Subject:** EPA subject  
**Date:** Tuesday, September 22, 2009 11:04:25 AM  
**Attachments:** [omegaconsubj.tif](#)  
[omegaconsubj1.tif](#)  
[omegaconsubj2.tif](#)  
[omegaconsubj3.tif](#)

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Hi Wayne,

I hope all is well with you. I am looking forward to seeing you in October.

I am sending you some EKG sheets from a subject who participated in our OMEGACON study. [REDACTED]  
[REDACTED] This is study with two exposures. The first exposure is to clean filtered air and the next day is exposed to fine and ultrafine particles. It is a non-exercise study. It is an interventional study in that the subject is given either Fish Oil (omega 3 fatty acid) or Placebo (olive oil). This subject had a placebo. There is a 4 week period in which the subjects take 3 capsules a day and reduce the amount of omega 3's that they ingest. This subject complied.

[REDACTED]

[REDACTED] was in the chamber on Monday which was a clean filtered air day. At about 90 minutes into the exposure [REDACTED] complained of being warm, in fact, so warm that she thought she would faint. The temperature in the chamber was 27 centigrade (81 F). During that time the subject's heart rate fell into the 40's. Those are the attached EKG's. [REDACTED] did not faint. When we opened the door [REDACTED] was warm and dry to touch. The temperature in the chamber was reduced and [REDACTED] wanted to continue. The pulse returned to it's normal rate. [REDACTED] completed the exposure. We showed the rhythms to Dr. Carraway and Dr. Ghio. They felt that they did not want her to continue in the study. We could not identify any P waves that we were sure of in the readings. [REDACTED] stated that she was seen by her private physician within the last three months and had a normal EKG.

I reviewed her holter card and during the 3 1/2 hours that her holter was on [REDACTED] had 414 ventricular ectopy with 12 couplets. I replaced the card with a new card for the afternoon and [REDACTED] had 39 ventricular ectopic beats with one episode of bigeminy for 6 beats.

I am counseling for [REDACTED] to go back to her physician and sending copies of her holter recordings. We also had a 24 hour blood pressure monitor on [REDACTED] at the time this near syncopal episode occurred. I didn't see a big change in [REDACTED] blood pressure at that time.

We were hoping you would look at the attachments and see if you see something we missed.

Thanks for any help you can give us.

Best to all,

Maryann

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